

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 7504 | (audio speech voice phoneme) same classification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L2 | 3 | L1 same (fricative and vowel and gender and silence and obstruents) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L3 | 4 | L1 and (fricative and vowel and gender and silence and obstruents) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L4 | 5 | L1 same (fricative and vowel and gender and silence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L5 | 11 | L1 and (fricative and vowel and gender and silence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L6 | 588 | phoneme same (classification segmentation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L7 | 736 | phoneme same (classification segmentation classify classifying) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L8 | 1 | L7 same (fricative and vowel and gender and silence and obstruents) and (coughing laughter breath lip-smack) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |

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| L9 | 2 | L7 and (fricative and vowel and gender and silence and obstruents) and (coughing laughter breath lip-smack) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L10 | 2 | L7 and (fricative and vowel and gender and silence and obstruents) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L11 | 9 | L7 and (fricative and vowel and gender and silence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L12 | 42 | L7 and (fricative and vowel and silence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L13 | 128 | L7 and (transcript transcription) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L14 | 53 | L13 and (HMM (hidden adj markov adj model)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L15 | 18 | L14 and cepstral | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L16 | 436 | L7 and (vowel fricative narrowband wideband coughing gender silence noise laughter breath lip-smack lipsmack) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |

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| L17 | 251 | kubala.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L18 | 90932 | liu.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L19 | 52 | (L17 L18) and classify.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L20 | 1 | L19 and fricative.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L21 | 34 | L7 and (narrowband wideband bandwidth) and cepstral | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L22 | 9568 | (audio speech voice phoneme) same (classification classify) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L23 | 186 | L22 and (narrowband wideband bandwidth) and cepstral | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L24 | 155 | L23 not L21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |

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| L25 | 47 | L24 and @pd<"20021017" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L26 | 155 | L24 and pd<"20021017" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L27 | 421 | (audio speech voice phoneme) same (classification classify) same (bandwidth narrowband wideband (narrow adj band) (wide adj band)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L28 | 36 | L27 and cepstral | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L29 | 2 | ("20040230432").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/20 15:22 |
| L30 | 15 | (phoneme) same (classification classify segmentation) same (bandwidth narrowband wideband (narrow adj band) (wide adj band)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L31 | 71 | speaker adj segmentation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L32 | 49 | L31 and (phoneme classif\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |

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| L33 | 1 | L31 and (phoneme same classif\$7 same (vowel consonant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L34 | 12 | (phoneme) same (classification classify segmentation) same gender | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L35 | 64616 | (speech voice speaker) adj recognition | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L36 | 37 | L35 same ((wideband wide-band (wide adj band) bandwidth telephone) with (classif\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L37 | 824 | ((speech voice speaker) adj recognition) same bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L38 | 26 | L37 and (phone\$3 same classif\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L39 | 114 | L35 same (wideband wide-band (wide adj band) bandwidth telephone) same (classif\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L40 | 842 | L35 same ((wideband wide-band (wide adj band)) same (narrowband narrow-band (narrow adj band)) bandwidth) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |

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| L41 | 15 | L40 and (phoneme same classification) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L42 | 22 | bandwidth same phone\$3 with classif\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L43 | 7 | L42 and speech | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L44 | 64 | bandwidth same phone\$3 same classif\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L45 | 131 | ((audio voice speech) with classification) same bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |
| L46 | 47 | ((audio) with classification) same bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/20 15:22 |